



FY 17 CAPITAL COMMITTEE ANNUAL REPORT AND FIVE- YEAR CAPITAL INVESTMENT PLAN



SEPTEMBER 20, 2016
TOWN OF STONEHAM
35 Central St. Stoneham, Massachusetts 02180

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Section I: Capital Committee Annual Report

EXECUTIVE SUMMARY

The Town of Stoneham Capital Committee is defined under Sec. 2-37.3. of the By-Laws of the Town of Stoneham. The committee consists of:

- (i) one member of the Board of Selectmen as chosen by the Board;
- (ii) one member of the Planning Board as chosen by the Board;
- (iii) one member of the Finance and Advisory Board as chosen by that Board;
- (iv) the School Superintendent or his designee;
- (v) the Town Administrator;
- (vi) three residents of Stoneham selected by the Board of Selectmen; and
- (vii) one member of the School Committee.

The Town Accountant shall assist the Committee in its work.

Under the By-Law, the Capital Committee is to issue an annual report recommending a Capital Improvement Budget for the next fiscal year and a Capital Improvement Program including recommended capital improvements for the following five (5) fiscal years to the Board of Selectman.

This document is that submission for FY 2017.

INTRODUCTION

Everything the Town does, from providing services to its residents and citizens, to equipping employees to effectively perform their jobs, requires the existence of certain basic physical assets. These assets include streets, water mains, parks, buildings, large equipment and technology. They must be purchased, maintained, and replaced on a timely basis or their usefulness in providing public services will diminish. The Town's five-year Capital Improvement Program (CIP) and annual Capital Budget are developed to ensure adequate capital investment in the Town's assets.

The CIP includes major non-recurring tangible assets and projects which:

- (i) are purchased, or undertaken, at intervals of not less than five years;
- (ii) have a useful life of at least three (3) years; and
- (iii) incur a total cost over \$10,000.

FIVE-YEAR CAPITAL PROGRAM

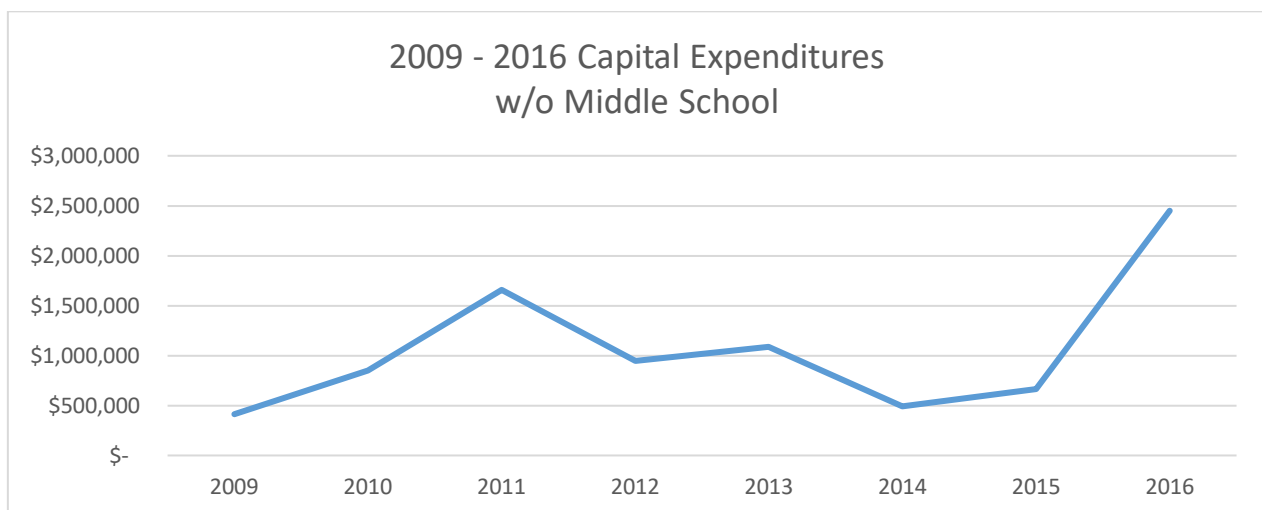
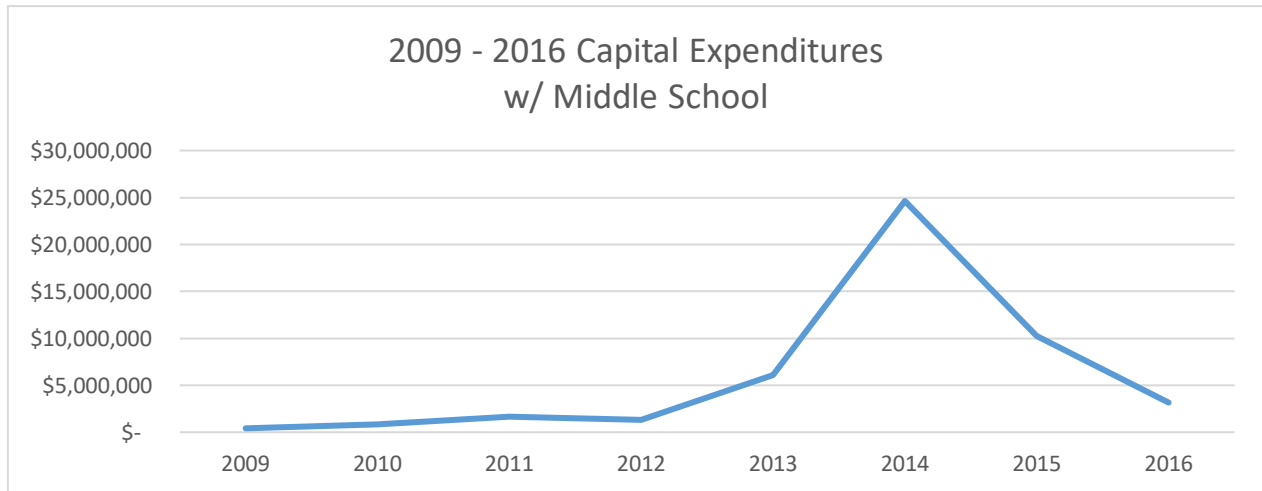
A five-year capital improvement program is an important part of any organization's overall budgeting process. Multi-year planning allows proper staging and sequencing of capital projects to even out spikes and make funding needs more predictable. Capital investment requirements can be uneven, sometimes involving unique large projects such as a new fire engine or a new school building. Other capital investment needs are recurring. We will continue to refine the five-year planning process to identify – and hopefully fund - an appropriate annual level of capital investment.

FUNDING HISTORY

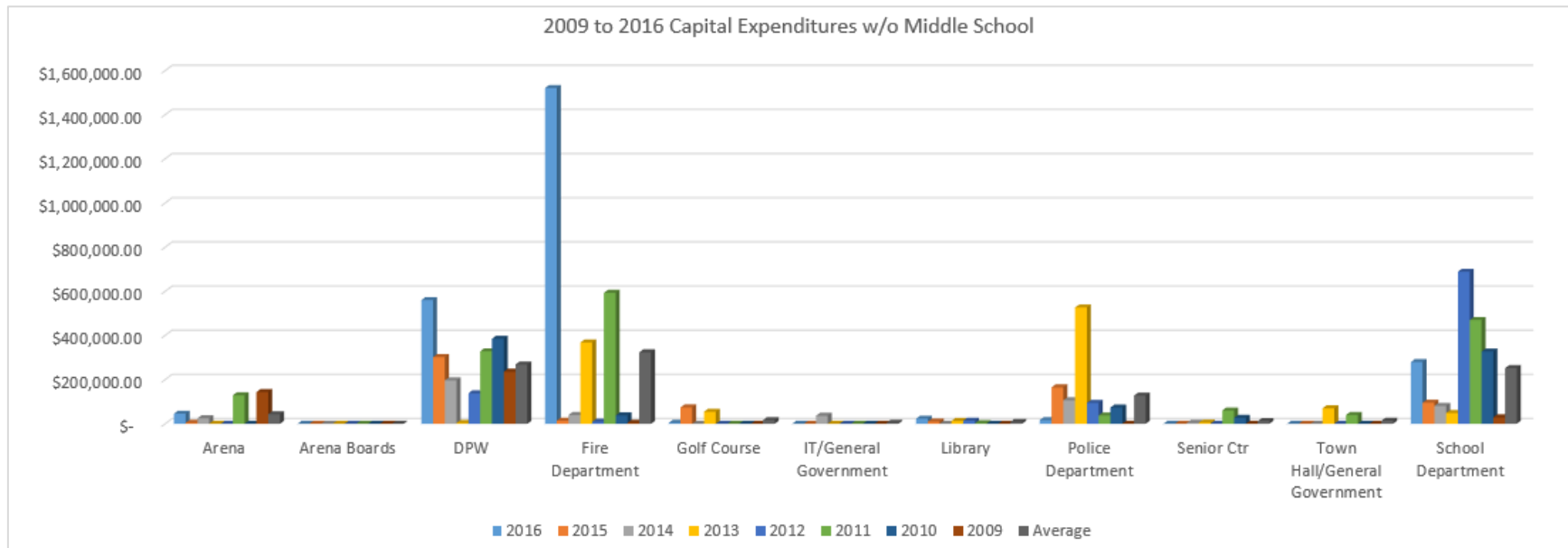
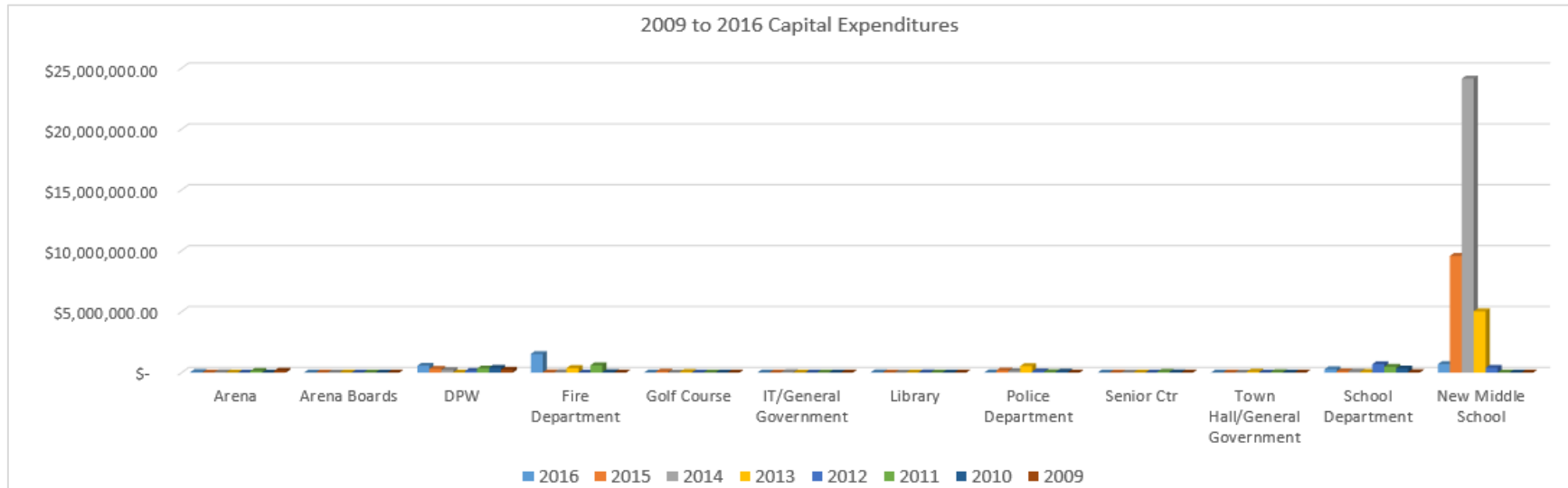
In recent history, the Town of Stoneham has primarily allocated free cash for capital expenditures at the October Special Town meeting or through debt for large items such as Fire Trucks or the Middle School. The following series of charts provide insight into the total funding and funding by department.

The charts include expenditures from all funding sources. Many of the charts are shown with and without the expenditures for the new Middle School because the large size of that expenditure makes the charts difficult to read. All expenditures are shown as the year the money is paid and not the year it was voted by Town meeting. There are differences in a number of cases.

A review of the last seven years shows capital expenditures vary significantly by year and is frequently driven by large expenditures that are funded through debt. In 2011, the town spent \$591k for Fire trucks. The peak around 2014 was driven by the Middle School project. The peak in 2016 was driven by \$1.5M for fire Trucks and \$559k of DPW equipment.

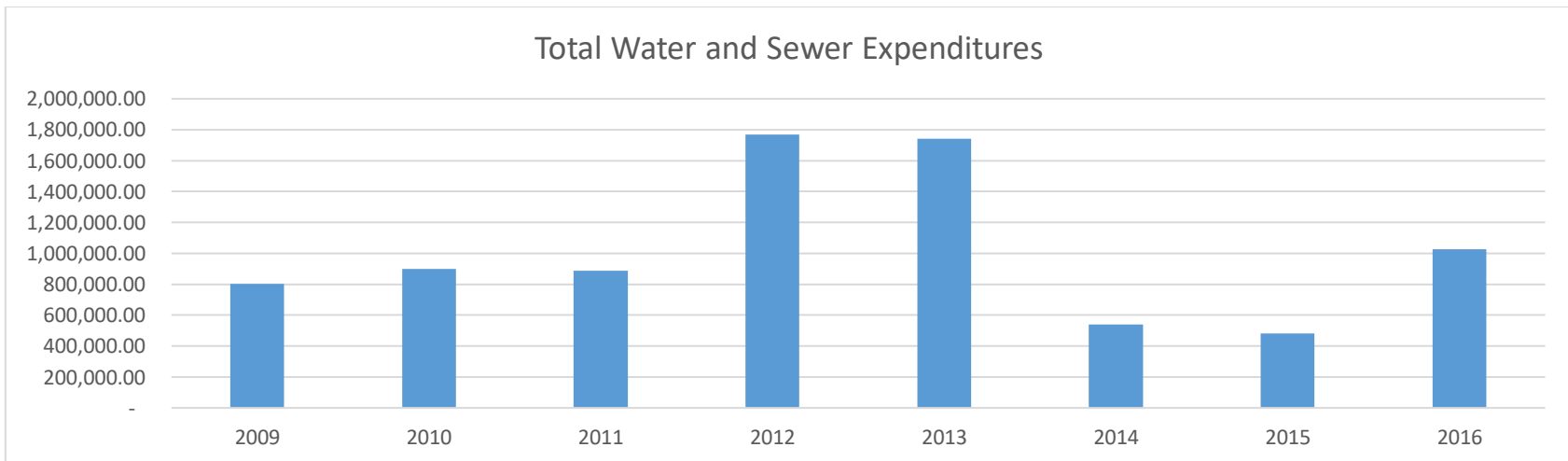
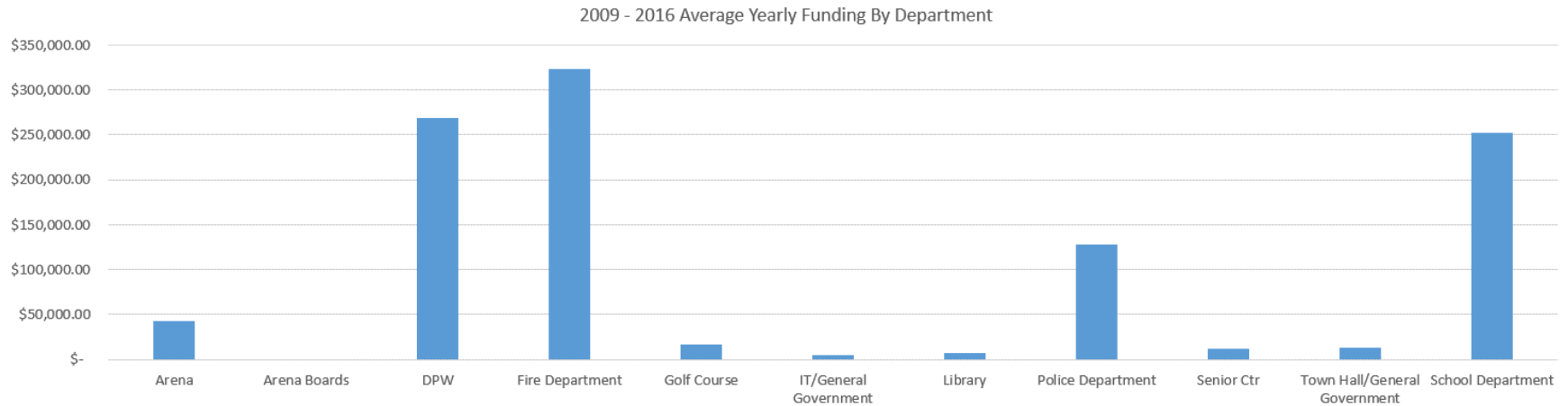


Capital Expenditures by Year - Represent both cash expenditure and debt.



Allocation of Capital (2009-2016)

The full list of capital expenditures is in Appendix A. Chart displays without middle school.



FUNDING SOURCES

Traditionally, there are four potential methods for financing the Town's capital investments:

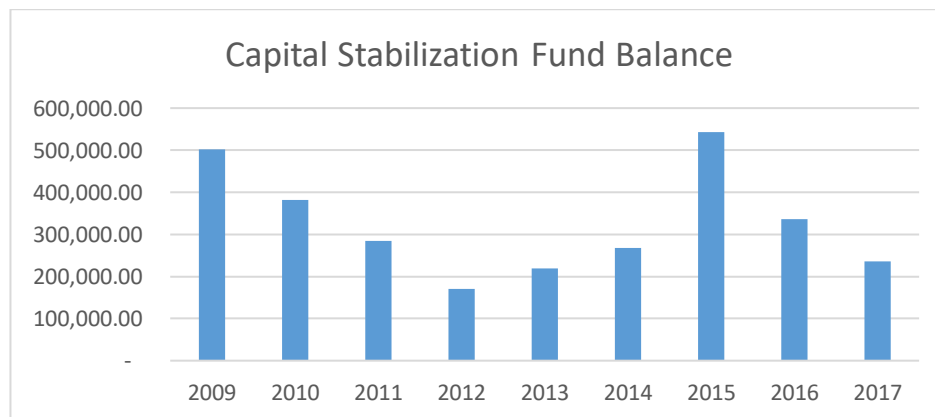
Available Funds (Free Cash) – The town regularly appropriates monies from the general fund and the enterprise funds to finance short-term, small capital investment projects. Examples of available funds are free cash and enterprise fund retained earnings. This may include funds from the Water/Sewer enterprise fund to maintain our water/sewer systems or money from for repairs of air conditioning systems at the Police Station.

Surplus revenue from the previous year becomes part of free cash and is often used for Capital Expenditures in Stoneham. After the end of each fiscal year, the Town Accountant submits a financial statement to the Department of Revenue (DOR). The DOR calculates and certifies the available Surplus Revenues. Once certified by the DOR the Surplus Revenues become available for appropriation by the Town. Since Surplus Revenues are unpredictable, it is the policy of the Town to use Surplus Revenues for non-personnel and non-operating expenses. Surplus Revenues should be used to fund such items as capital purchases/projects, increases to the Stabilization Account and unusual one time expenditures.

According to Stoneham's Financial Guidelines, the term "stabilization account" shall include both the General Stabilization and Capital Stabilization accounts. The use of the Stabilization Account to fund operating and personnel costs should be avoided whenever possible.

General Stabilization Fund –There is a guideline "to achieve a minimum balance in the Stabilization Account of 10% of the Town's General Fund." Appropriations out of the stabilization fund can be used for any purpose, but do require a higher (2/3) quantum vote of Town Meeting to be used as a funding source. It is a general recommendation that the General Stabilization Fund serve as a reserve only for true emergencies and extraordinary needs. No capital needs were funded from the General Stabilization Fund during the past year.

Capital Stabilization Fund –Appropriations out of this stabilization fund can be used to fund capital equipment and improvements as well as debt-service payment related to capital purchases.



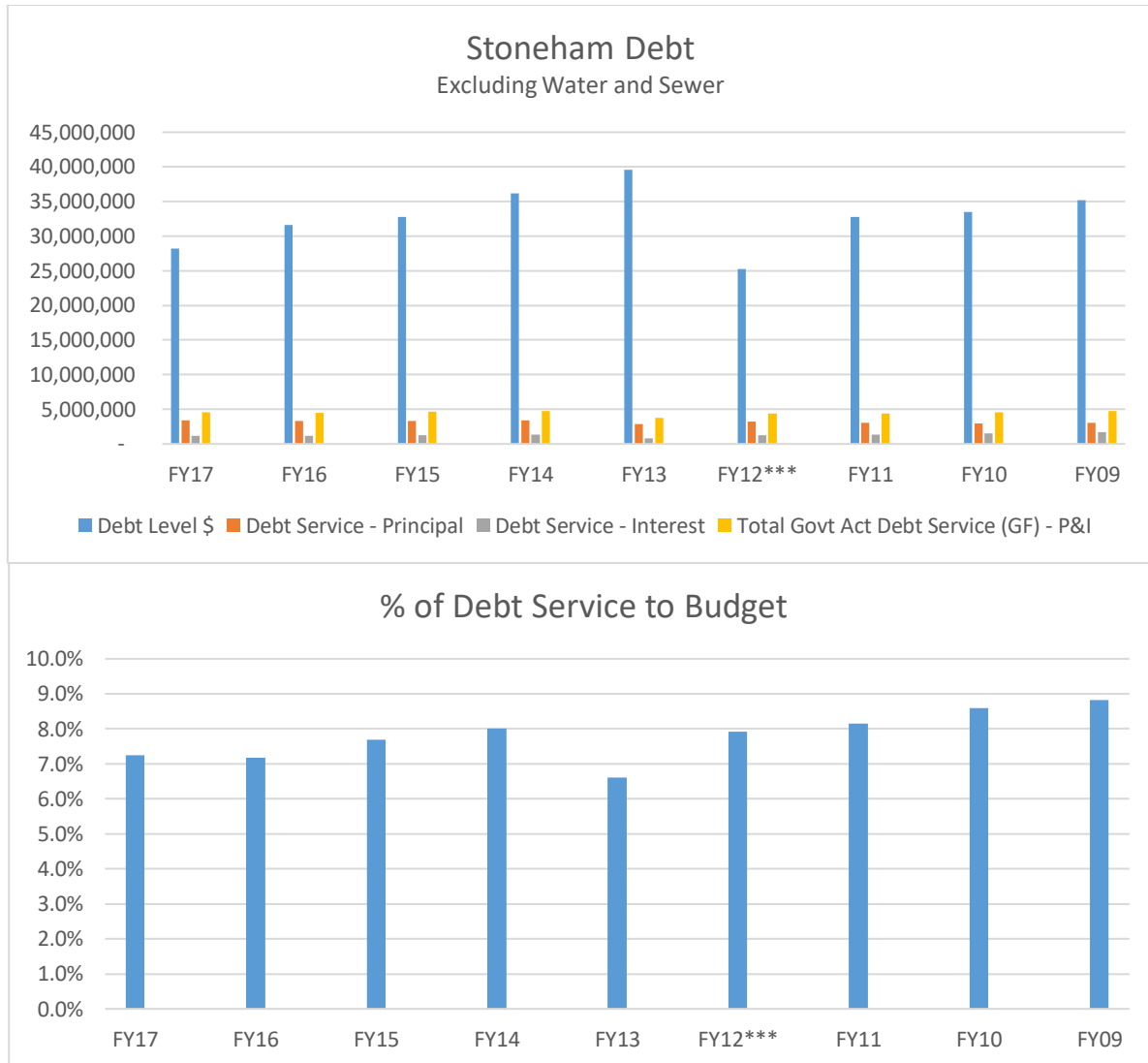
Debt Service – The Town has traditionally financed large capital projects or purchases through borrowing. The resulting debt obligations are appropriated under the General Fund Tax Levy (either within the levy limit or from a voter-approved debt exclusion) or from Enterprise Funds.

The town Financial Guidelines recommend debt be considered for those items in excess of \$250,000. Further, the guidelines state the town consider the overall financial condition of the Town when determining whether to increase debt or pay cash. Such factors as reviewing whether the Town has met or exceeded its minimum policy of all reserve funds such as: Stabilization; Overlay; Department #132 Reserve Fund; etc. In addition, the Town Administrator must determine if there is borrowing capacity under the limitations established in the Debt Capacity Fiscal Policy.

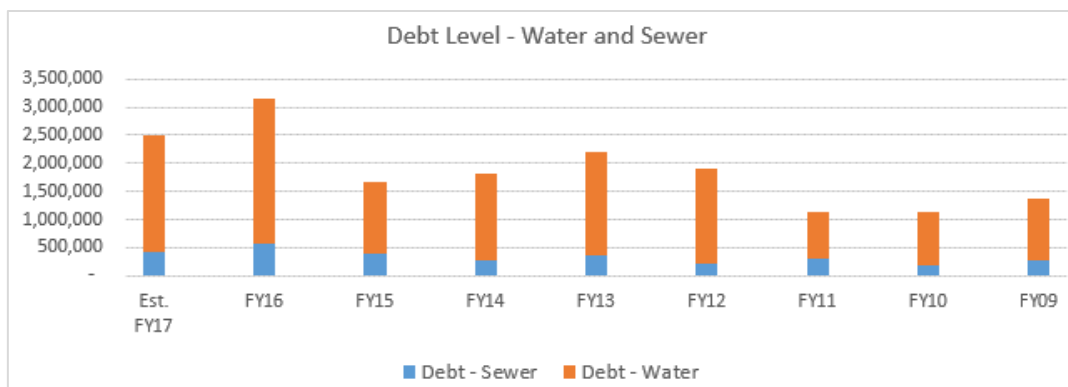
It is important to monitor how much debt the community has at any one point in time and determine what impact the amount of debt service has on the operating budget and the taxpayers. The amount of general fund resources spent on capital-related items for Stoneham should be monitored carefully to assure it is not too much of a burden on the town or too low, representing an opportunity to invest in capital improvements.

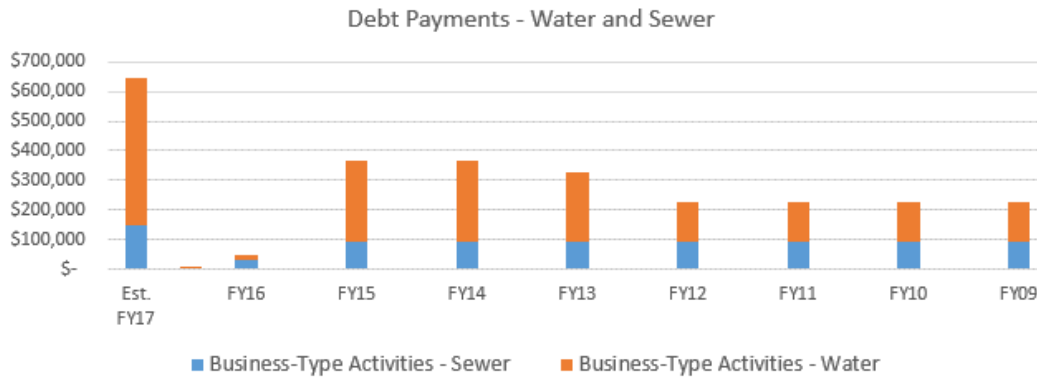
Many municipalities maintain control over their debt service costs by limiting annual debt service to a percentage of the annual operating budget. While Stoneham has not set a specific cap FY17 debt service under this capital plan is estimated at a healthy 7.2%.

Over the years, the level of debt as a percentage of our budget has ranged from a high of 8.8% in 2009 to its current low of 7.2%. The numbers below for FY2017 are estimated.



The Water/Sewer Enterprise Fund debt is separate from the general fund. The Town lost a significant Water/Sewer customer during FY16 as a result of Atlantic Gelatin closing. Since the MWRA assessments are based on prior year consumption, the Town was assessed higher than revenue supported. Therefore, the MWRA allowed the Town to significantly reduce its FY16 principal payments to offset the increased assessment and restructure its future debt service payments. Payments will resume in FY2017.





Credit rating agencies monitor the amount of debt a community has just like they monitor individual credit. A variety of factors, including the level of debt service/annual revenues and level of debt service/capita and per household are evaluated by credit rating agencies. We are proud that the Town of Stoneham holds a AA2 bond rating from Moody's. Ratings range from Aaa to C but are not straight letter grades. Credit ratings listed from best down include Aaa, Aa1, Aa2, Aa3, A1, A2, A3, Baa1, etc... See Moody's for a full list.

FY17	FY16	FY15	FY14	FY13	FY12***	FY11	FY10	FY09
	Aa2	Aa2	Aa2	Aa2	A1	A1	A1	A1

***There was significant debt activity during FY12 which decreased the GF debt balance by \$7,537,000. The decrease was a result of \$3.2M of regularly scheduled principal payments, \$4.2M of current refunded debt due to a one-time lump sum payment from the MSBA, \$2.3M of current refunded debt, \$5.5M of advanced refunded debt, offset by the issuance of \$7.7M of refunding bonds.

Other Sources – The Town uses dedicated state aid, mitigation funds, receipts reserved, and grant funding and even re-appropriation of unspent capital funds to finance capital investment when these funds are available.

FY 2017 to 2021 CIP PHILOSOPHY

(a.k.a. what gets funded and why)

The FY 2017-2021 Capital Improvement Program provides for the maintenance and replacement of Stoneham's current capital assets, recommends new capital assets where necessary, and funds unexpected capital repairs that have surfaced since the last capital budget.

Unexpected or Emergency Repairs – The first year of the CIP is Stoneham's FY2017 Capital Improvement Budget. The annual capital budget includes both long planned capital improvements and emergency repairs to capital assets that were unknown at the time of the previous CIP. These repairs are Stoneham's top priority as damaged or degraded roads and buildings can imperil citizen safety as well as lead to further destruction of the asset.

Maintenance and replacement of current assets – Investing in the regular maintenance and replacement of current capital assets has been given the second priority in the CIP. Maintenance preserves the value that Stoneham has invested in its assets and lengthens its useful life forestalling the need to purchase a replacement. Where asset replacements are necessary or are part of a regular asset replacement program the CIP provides funding. The CIP supports the adoption of lifecycle management for capital assets and where possible smooths replacement purchases across multiple years to reduce year-on-year volatility.

New Capital Assets – The CIP recommends limited investments in new capital assets where citizen value is clear through better service, increased efficiency, and lower costs.

The draft FY 2017 Capital Improvement Budget is found in Section II.

Section II: FY 2017 to FY 2021 CIP

FY 2017 to 2021 CIP

<i>Date:</i>	9/26/16			Approved	Prelim	Prelim	Prelim	Prelim
Department	Department Head	Project	Est. Exp.	FY 17	FY 18	FY 19	FY 20	FY 21
		Municipal Administration						
		Public Safety						
POLICE	Chief McIntyre							
		Replacement vehicle 1	\$236,000	\$52,000	\$46,000	\$46,000	\$46,000	\$46,000
		Replacement vehicle 2			\$46,000	\$46,000	\$46,000	\$46,000
		HVAC Operating system repairs	\$500,000	\$500,000				
		Purchase Speed Radar Trailer	\$16,000		\$16,000			
		Purchase Fingerprint Machine	\$23,000			\$23,000		
		Replace handguns	\$35,000		\$35,000			
		Replace UPS batteries	\$10,000			\$10,000		
		TOTAL POLICE	\$1,004,000	\$552,000	\$143,000	\$125,000	\$92,000	\$92,000
FIRE	Chief Grafton							
		South side garage roof	\$50,000			\$50,000		
		Fire Chief car	\$45,000	\$45,000				
		Fire station windows	\$300,000			\$300,000		
		Re-point building	\$400,000			\$400,000		
		Floor Replacement	\$500,000			\$500,000		
		Radios	\$50,000		\$50,000			
		Utility Vehicle (FY18) and Mini Pumper (FY 20)	\$175,000		\$25,000		\$150,000	
		Redundant alarm repeater	\$15,000		\$15,000			
		Turnout gear and Washer / Dryer	\$171,000	\$75,000	\$24,000	\$24,000	\$24,000	\$24,000
		TOTAL FIRE	\$1,706,000	\$120,000	\$114,000	\$1,274,000	\$174,000	\$24,000

FY 17 Capital Committee Annual Report and five-year Capital Investment Plan

		<u>General Government</u>						
TOWN CLERK	Maria Sagarino	Voting equipment	\$65,000				\$65,000	
		TOTAL TOWN CLERK	\$65,000	\$0	\$0	\$0	\$65,000	\$0
TOWN HALL	Town Administrator							
		Relocate Town Fire/Police/DPW antenna	\$31,000	\$31,000				
		Office carpet	\$12,194		\$12,194			
		TOTAL TOWN HALL	\$43,194	\$31,000	\$12,194	\$0	\$0	\$0
INFO TECH	Tom Cicatelli							
		Network servers	\$49,550		\$49,550			
		TOTAL INFO TECH	\$49,550	\$0	\$49,550	\$0	\$0	\$0
DPW	Bob Grover							
		Sidewalk	\$400,000		\$100,000	\$100,000	\$100,000	\$100,000
		Drain Construction	\$100,000		\$100,000			
		LEVEL FUNDED REPLACEMENT CYCLE	\$1,312,355	\$269,000	\$244,007	\$262,255	\$258,867	\$278,226
		Buried street light repair	\$50,000		\$50,000			
		TOTAL PUBLIC WORKS	\$1,862,355	\$269,000	\$494,007	\$362,255	\$358,867	\$378,226
		<u>Other Town Services</u>						
UNICORN	Town Administrator	Water well search	\$50,000		\$50,000			
		New Irrigation System	\$750,000			\$750,000		
		Fuel storage tanks	\$27,000	\$27,000				
		TOTAL UNICORN	\$827,000	\$27,000	\$50,000	\$750,000	\$0	\$0
LIBRARY	Library Director	Replace last curved wooden windows						
		Update computers	\$10,000		\$5,000	\$5,000		
		Main Street Foundation repair	\$70,000			\$70,000		
		Replace\repair leaking foundation at South Window	\$50,000		\$50,000			
		Replace Carpet	\$24,000		\$24,000			
		Replace Warren Street windows/door	\$15,000	\$15,000				

FY 17 Capital Committee Annual Report and five-year Capital Investment Plan

		TOTAL LIBRARY	\$169,000	\$15,000	\$79,000	\$75,000	\$0	\$0
SENIOR CENTER	Maureen Canova	Door						
		New Decking	\$51,700					\$51,700
		TOTAL SENIOR CENTER	\$51,700	\$0	\$0	\$0	\$0	\$51,700
WHIP HILL	Con Com	Driveway Improvements	\$27,000		\$27,000			
		Heating Repairs	\$15,000	\$15,000				
		Roof Repairs	\$20,000	\$20,000				
		TOTAL WHIP HILL	\$62,000	\$35,000	\$27,000	\$0	\$0	\$0
HISTORICAL COMMISSION	Marcia Wengen	Priority 1 gravestones + Tree Removal	\$6,500		\$6,500			
		Priority 2 gravestones + Tree Removal	\$33,000		\$33,000			
		Stump & Tree Removal; replanting	\$20,000			\$20,000		
		Priority 3 gravestones	\$22,000				\$22,000	
		New signs	\$12,000					\$12,000
		TOTAL HISTORICAL COMMISSION	\$93,500	\$0	\$39,500	\$20,000	\$22,000	\$12,000
RINK	Lou Chiulli							
		Engineering Study	\$50,000	\$50,000				
		Slab	\$750,000		\$750,000			
		Compressors and Cooling Towers	\$300,000		\$300,000			
		Dehumidification	\$90,000		\$90,000			
		Heater Building	\$60,000		\$60,000			
		Roof lower level	\$70,000		\$70,000			
		Upper bathroom and storage room	\$30,000		\$30,000			
		TOTAL RINK	\$1,350,000	\$50,000	\$1,300,000	\$0	\$0	\$0
		SUBTOTAL MUNICIPAL	\$7,283,299	\$1,099,000	\$2,308,251	\$2,606,255	\$711,867	\$557,926

FY 17 Capital Committee Annual Report and five-year Capital Investment Plan

SCHOOLS	Dr. Olson	School Administration						
		<u>Middle School</u>						
		<u>High School</u>						
		High School Schematic Design (Depends on MSBA - December)	\$600,000	\$600,000				
		High School Renovation (assume 50% reimbursement)	\$30,000,000		\$30,000,000			
		Turf field and improvements	\$1,800,000		\$1,800,000			
		East Practice Field	\$200,000		\$200,000			
		Parking Lot and Sidewalks	\$1,000,000		\$1,000,000			
		<u>Elementary</u>						
		Hot Water Tank Replacement	\$45,000	\$15,000	\$15,000	\$15,000		
		Site lighting conservation retrofits	\$30,000			\$10,000	\$10,000	\$10,000
		Roof repairs – South shingles and C P lightening	\$40,000				\$20,000	\$20,000
		South attic insulation	\$100,000					\$100,000
		Elementary Repainting	\$150,000		\$50,000	\$50,000	\$50,000	
		Sidewalk Repair	\$50,000		\$50,000			
		Robin Hood School - expanded fencing	\$10,000			\$10,000		
		Rebuild South School playfield	\$200,000			\$200,000		
		Sound baffles for Colonial Park A C	\$150,000			\$150,000		
		Replace playground structures	\$150,000		\$50,000	\$50,000	\$50,000	
		<u>OTHER SCHOOL</u>						
		School Technology	\$468,000	\$68,000	\$100,000	\$100,000	\$100,000	\$100,000
		Old Central MEP / Roof / Structural Repairs	\$500,000			\$500,000		
		SUBTOTAL SCHOOLS	\$35,493,000	\$683,000	\$33,265,000	\$1,085,000	\$230,000	\$230,000
		<u>WATER & SEWER</u>						
WATER &	R Grover	SEWER Line Replacement	\$2,250,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000
SEWER		WATER Line Replacement	\$2,250,000	\$450,000	\$450,000	\$450,000	\$450,000	\$450,000
		Sewer Jet Truck	\$0					

FY 17 Capital Committee Annual Report and five-year Capital Investment Plan

		Paving	\$0					
		SUBTOTAL WATER & SEWER	\$4,500,000	\$900,000	\$900,000	\$900,000	\$900,000	\$900,000
		TOTAL EXPENDITURES	\$47,276,299	\$2,682,000	\$36,473,251	\$4,591,255	\$1,841,867	\$1,687,926

Section III: FY 2017 CAPITAL RECOMMENDATIONS

(Needs final approval)

Marked Ford Police Interceptor

Department: Police

Request Title: Marked Ford Police Interceptors

Basis for Estimate: Greater Boston Police Council pricing

Estimated Cost: \$46,000

Recommended Funding Sources: Free Cash



Expenditure Description: The car is requested as part of the normal rotation of Police vehicles to maintain a strong fleet. The new vehicle will replace a 2010 Ford Crown Victoria with 87,080 miles (as of June). The quote is for the cost of the vehicle, lighting and equipment. The quote does not include \$5,775 for a tablet computer (\$5,000), exterior markings (\$400) and transferring the police radio \$375). Not that lights units in the Crown Victoria do not fit the new vehicles and cannot be transferred.

Supporting Information: State bid with vendor estimate for options was provided.

Capital Committee Notes: This request was scaled back from 2 cars to 1. The vehicle is recommended as part of a regular program for replacing the fleet. The decision to replace was based on Massachusetts [targets](#) to replace vehicles as they approach 100,000 miles or 5 years of age.

Fire Vehicle for Chief

Department: Fire

Request Title: Fire Vehicle for Chief

Basis for Estimate: State Bid List

Estimated Cost: \$45,000

Recommended Funding Sources: Free Cash

Expenditure Description: The car is requested for the Chief and was part of his contract when hired.

Supporting Information: State bid.

Capital Committee Notes: The committee recommends this items.

HVAC Operating System Repairs

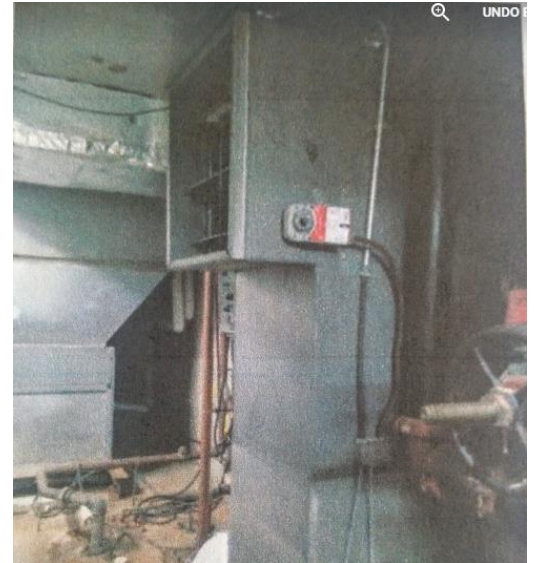
Department: Police

Request Title: HVAC Operating system repairs

Basis for Estimate: Vendor Estimate. Needs Bid.

Estimated Cost: \$500,000

Recommended Funding Sources: Debt



Expenditure Description: The police station has tried a number of repairs over the years to resolve heating and cooling issues. The request to replace the system came after damage from freezing pipes in 2014. The project will replace the existing boiler with two high efficiency boilers to improve efficiency and provide redundancy. In addition, significant work will be done to the air handling components. Fitzemeyer & Tocci estimated between \$350k and \$550k for the work. The final price will be determined through a formal bid process.

Supporting Information: Six-page report from Fitzemeyer & Tocci provided to the committee.

Capital Committee Notes: The committee recommended both for the health and safety of the police and to prevent future costs associated with broken pipes in the winter.

Fire Station Turnout Gear

Department: Fire

Request Title: Fire Station Turn Out Gear

Basis for Estimate: Vendor Estimate

Estimated Cost: \$75,000

Recommended Funding Sources: Free Cash



Expenditure Description: The turn out gear (jackets, helmets, etc..) for the Stoneham firefighters became non-compliant this fall in accordance with NFPA 1851. Around 10 years the gear's thermal and moisture barrier breaks down and does not offer the needed protection against heat which is dangerous. Once the gear is 10 years old we can't even use it to attend classes at the Massachusetts State Fire Academy. The chief has requested a replacement set to keep Stoneham in compliance. Much of the existing equipment is not only out of compliance this fall but is starting to fail with rips and tears. Price is for 25 sets of gear at \$3,000 each.

Supporting Information: State bid sheet was provided.

Capital Committee Notes: The committee recommends the turnout gear to protect our firefighters.

Relocate Town Fire/Police/DPW antenna

Department: Town - General

Request Title: Relocate Town Fire/Police/DPW antenna

Basis for Estimate: State Bid list

Estimated Cost: \$31,000

Recommended Funding Sources: Free Cash



Expenditure Description: A building on Woodland Road that hosts Stoneham's communication equipment will be demolished. Stoneham planned for this and has an agreement to mount the equipment on an MWRA antenna. The cost in this request is for the move between sites.

Supporting Information:

Capital Committee Notes: The committee recommends the antenna as it needs to be moved to maintain communications in town.

DPW Front End Loader and Snow Blower Attachment

Department: Town - General

Request Title: Loader and Snow Blower Attachment

Basis for Estimate: Loader = State Bid, Attachments = vendor

Estimated Cost: \$269,000

Recommended Funding Sources: Debt



Expenditure Description: Replace a 1997 Volvo I90c Front End Loader and a 1976 Snowmaster Snow blower with a new Front End Loader with a snow blower attachment.

\$146 State bid list + \$33k (3 in 1 Multipurpose Bucket, High Lift, Viking Plow – 11 Foot Blade, Spare Rim & Tire, Extended Warranty) -\$20k trade + \$110k (High capacity Snow blower attachment) = \$269

Supporting Information: State bid sheet was provided for base machine.



Capital Committee Notes: The committee recommends the front end loader both as part of regular replacement of equipment and because with the snow blower attachment, it consolidates two pieces of equipment.

Unicorn Golf Fuel Tanks

Department: Unicorn Golf Course

Request Title: Fuel Storage Tanks

Basis for Estimate: Vendor Estimate

Estimated Cost: \$25,000

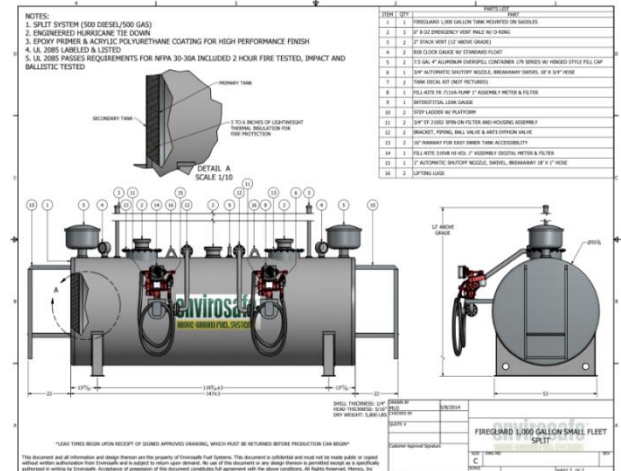
Recommended Funding Sources: Free Cash

Expenditure Description: The golf course was notified

that it is illegal to transport gasoline in the back of a truck. This fuel tank will allow the golf course to store gas and diesel onsite. The price includes the purchase of the tank, a concrete pad and the installation. 20,726 tank + 1,750 deliver + \$4000 Install & Concrete pad = \$26,476

Supporting Information: Vendor estimate was provided for the tank and shipping. Though the operation of the course is outsourced to a management company, the town is responsible for capital improvements greater than \$10k because improvements stay with the town. Requests must be approved by the town in advance.

Capital Committee Notes: The committee recommends the fuel tank to keep the course operating and generating revenues for the town.



Library - Replace Warren Street windows/door

Department: Library

Request Title: Replace Warren Street windows/door

Basis for Estimate: Vendor Estimate

Estimated Cost: \$15,000

Recommended Funding Sources: Free Cash



Expenditure Description: A flooding issue at the Warren Street entrance caused rust to start on the door and adjacent floor to ceiling window. The flooding issue was resolved years ago but the damage to the door and window remains. This door is for handicap access to the level and for emergency exit. Several unsuccessful attempts have been made to remove the rust and repaint. The rust is eating through the door and it needs to be replaced.

Supporting Information:



Capital Committee Notes: The committee recommends this project as part of normal upkeep of our buildings.

Whip Hill Heater Repair

Department: Whip Hill
Request Title: Whip Hill Heater Replacement
Basis for Estimate: Vendor Estimate
Estimated Cost: \$15,000
Recommended Funding Sources: Free Cash



Expenditure Description: The heating system at Whip Hill is 45 years old and repeatedly failing. The vendors are having difficulty finding the parts which is driving up costs significantly. The system is currently not functional. This request will upgrade the system to a modern fuel efficient system.

Supporting Information: Multiple vendor estimates were provided. Low bid is presented.

Capital Committee Notes: The committee recommends this project as part to improve efficiency and because the cost of repair is growing. The current failure has happened repeatedly and now costs \$3000 to repair. Instead of repeatedly investing in a 45-year-old system, it should be replaced.

Whip Hill Roof Repairs

Department: Whip Hill

Request Title: Whip Hill Roof Repairs

Basis for Estimate: Vendor Estimate

Estimated Cost: \$20,000

Recommended Funding Sources: Free Cash



Expenditure Description: Two years ago, the town had significant snows that caused ice dams on the building. The ice and water entered the house and caused significant damage. This expenditure would add ice and water shield around all edges and valleys on the house to prevent a repeat. Copper flashing will be replaced where appropriate. Ice and water shield technology did not exist when the building was built. The slate roof will be preserved.

Supporting Information: Vendor estimates were provided. The low bid is presented.

Capital Committee Notes: The committee recommends this project to prevent a repeat of 2014.

Ice Rink Engineering Study

Department: Stoneham Arena

Request Title: Ice Rink Engineering Study

Basis for Estimate: NA

Estimated Cost: \$50,000

Recommended Funding Sources: Free Cash



Expenditure Description: Significant capital requests were submitted to the capital committee by the arena. The committee voted to support an engineering study before discussing the full amount.

Supporting Information:

Capital Committee Notes: The committee recommends an engineering study before discussion on the full cost of repairs for the Arena. A request was made to get a price of an engineering study.

School Technology

Department: Schools

Request Title: School Technology

Basis for Estimate: _____

Estimated Cost: \$68,000

Recommended Funding Sources: Free Cash



Expenditure Description: This proposal would allow the School Department to replace and expand the initial, limited wireless network that was installed in the High School four years ago. That network does not cover the entire building and is inadequate for the number of devices we now have. The current wireless devices need to be replaced with new, higher capacity devices utilizing the current 802.11ac wifi standard and the network switches need to be upgraded to support power-over-Ethernet to eliminate the need for redundant power wiring

Supporting Information:

Capital Committee Notes:

Hot Water Tank Replacement

Department: Stoneham Schools

Request Title: Water Tank Replacement

Basis for Estimate: _____

Estimated Cost: \$15,000

Recommended Funding Sources: Free Cash



Expenditure Description: The 250-gallon domestic hot water tanks at the elementary schools have an expected life of 10 - 15 years. The current tanks range from 14 - 17 years old and should be scheduled for replacement over the coming years. Though not the oldest tank, the one at Colonial Park has had some minor leaks and will be scheduled for replacement first. The other tanks will be scheduled for replacement over the next two years.

Supporting Information:

Capital Committee Notes: The committee recommends replacement as part of standard building maintenance.

Sewer Line Replacement

Department: Water and Sewer

Request Title: Sewer Line Replacement

Basis for Estimate: NA

Estimated Cost: \$450,000

Recommended Funding Sources: Sewer Enterprise Fund



Expenditure Description: Continued maintenance of the town's infrastructure.

Supporting Information:

Capital Committee Notes: The committee recommends continued investment in our infrastructure.

Water Line Replacement

Department: Water and Sewer

Request Title: Water Line Replacement

Basis for Estimate: NA

Estimated Cost: \$450,000

Recommended Funding Sources: Water Enterprise Fund



Expenditure Description: Continued maintenance of the town's infrastructure.

Supporting Information:

Capital Committee Notes: The committee recommends continued investment in our infrastructure.

Appendix A – Capital Expenditures 2009 to 2016

FULL ACCT	Department	ACCT DESCRIPTION	2016	2015	2014	2013	2012	2011	2010	2009
General Fund - Capital Expenditures										
0001-9-918-0000-00-000-52-0000-585000-	DPW	Backhoe & Dump Truck Article 1 - June 8 2016 STM	\$299,265							
0001-9-918-0000-00-000-52-0000-585000-	Library	Library Painting Article 1 - June 8 2016 STM	\$23,000							
Capital Project Fund Expenditures										
5001-4-400-0000-00-607-00-0000-580000-	DPW	Const S/W						\$6,707		
5005-2-210-0000-00-604-00-0000-580000-	Police Department	Police Station Renovation						\$6,414	\$12,475	
5006-3-300-0000-00-603-00-0000-580000-	School Department	Renovate Schools								\$835
		Drainage at MAC/Spring Street								
5007-4-400-0000-00-607-00-0000-580000-	DPW									\$196,396
5010-4-400-0000-00-607-00-0000-580000-	DPW	Drainage at Spencer Street								\$25,000
5014-2-220-0000-00-607-00-0000-580000-	Fire Department	Turnout Gear								\$4,422
5015-3-300-0000-00-603-00-0000-580000-	School Department	HS Roof							\$327,038	\$28,214
5017-6-631-0000-00-604-00-0000-580000-	Arena Boards	Arena Boards								\$143,740
5018-4-400-0000-00-607-00-0000-580000-	DPW	Drainage							\$385,464	\$14,536
5019-2-210-0000-00-607-00-0000-580000-	Police Department	Cruisers							\$61,182	
5020-5-541-0000-00-607-00-0000-580000-	Senior Ctr	Sr Ctr AC					\$577	\$59,423		
5021-2-220-0000-00-607-00-0000-580000-	Fire Department	Fire Alarm						\$2,172	\$37,827	
5022-5-541-0000-00-607-00-0000-580000-	Senior Ctr	Sr Ctr Van						\$825	\$27,150	
5023-6-610-0000-00-607-00-0000-580000-	Library	Library Windows				\$2,625	\$12,375			
5024-6-631-0000-00-607-00-0000-580000-	Arena	Arena Doors					\$0	\$14,976		
5025-4-400-0000-00-607-00-0000-580000-	DPW	Drainage	\$1,016	\$248,639	\$34,420		\$13,725	\$2,200		
5026-3-300-0000-00-603-00-0000-530011-	School Department	MS Study						\$300		
5026-3-300-0000-00-603-00-0000-570300-	School Department	MS Study						\$100		
5026-3-300-0000-00-603-00-0000-580000-	School Department	MS Study				\$3,026	\$466,154	\$130,420		
5027-9-918-0000-00-607-00-0000-582100-	Town Hall/General Government	REPLACE TOWN HALL ROOF						\$25,000		
		SOUTH SCHOOL AIR CONDITIONER						\$75,000		
5027-9-918-0000-00-607-00-0000-582200-	School Department									
5027-9-918-0000-00-607-00-0000-585002-	Police Department	DIGITAL PORTABLE RADIOS		\$5,199	\$8,844	\$11,021	\$23,095	\$31,078		
5027-9-918-0000-00-607-00-0000-585006-	DPW	STREET SWEEPER						\$164,989		
5027-9-918-0000-00-607-00-0000-585007-	Fire Department	FIRE PUMP TRUCK					\$8,982	\$591,018		
5027-9-918-0000-00-607-00-0000-585008-	Arena	ARENA ZAMBONI						\$113,780		
5027-9-918-0000-00-607-00-0000-585014-	School Department	COMPUTER EQUIPMENT					\$0	\$80,000		
5027-9-918-0000-00-607-00-0000-585016-	School Department	SCHOOL OIL TANKS					\$162,360	\$157,640		
5028-9-918-0000-00-607-00-0000-585020-	DPW	PURCHASE SIDEWALK PLOW						\$99,600		
5028-9-918-0000-00-607-00-0000-585021-	Town Hall/General Government	REPLACE TOWN HALL ROOF						\$15,000		
5028-9-918-0000-00-607-00-0000-585024-	DPW	1 TON DPW TRUCK						\$29,460		
5028-9-918-0000-00-607-00-0000-585025-	DPW	1/2 TON DPW TRUCK						\$25,225		

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5028-9-918-0000-00-607-00-0000-585026-	Library	INSTALL LIBRARY GUTTERS					\$1,500	\$2,850		
5028-9-918-0000-00-607-00-0000-585027-	School Department	SCHOOL AUDITORIUM CHAIRS				\$3,612		\$26,388		
5029-2-918-0000-00-607-00-0000-580000-	Town Wide	Emergency Communications System			\$80,234	\$736,766				
5030-2-918-0000-00-607-00-0000-580000-	Police Department	2 Pol Vehicles					\$71,784			
5031-3-918-0000-00-603-00-0000-580000-	School Department	MS Gas Conversion					\$60,000			
5032-4-918-0000-00-601-00-0000-580000-	DPW	Dump Truck					\$124,520			
5033-3-300-0000-00-603-00-0000-589100-	School Department	New Middle School		\$129,610	\$347,354	\$330,600	\$47,000			
5033-3-300-0000-00-603-00-0000-589200-	School Department	New Middle School		\$362,303	\$465,024	\$1,532,424	\$315,263			
5033-3-300-0000-00-603-00-0000-589500-	School Department	New Middle School	\$657,794	\$7,202,369	\$23,186,884	\$3,115,000	\$29,204			
5033-3-300-0000-00-603-00-0000-589600-	School Department	New Middle School	\$3,238	\$121,568	\$66,998	\$15,122	\$900			
5033-3-300-0000-00-603-00-0000-589700-	School Department	New Middle School	\$39,560	\$1,761,139	\$68,000	\$34,000				
5034-9-918-0000-00-607-00-0000-585028-	Police Department	2 UNMARKED POLICE VEHICLES			\$1,111	\$61,394				
5034-9-918-0000-00-607-00-0000-585029-	Town Hall/General Government	TOWN HALL FIRE PANEL		\$3		\$29,997				
5034-9-918-0000-00-607-00-0000-585030-	DPW	PARK & FIELD RENOVATIONS		(\$0)	\$6,225	\$3,775				
5034-9-918-0000-00-607-00-0000-585031-	Golf Course	UNICORN GOLF COURSE FENCE				\$16,385				
5034-9-918-0000-00-607-00-0000-585032-	Golf Course	UNICORN GOLF COURSE MOWER				\$37,856				
5034-9-918-0000-00-607-00-0000-585033-	School Department	EAST SCHOOL PARKING LOTS				\$19,198				
5034-9-918-0000-00-607-00-0000-585034-	Police Department	POLICE TASER EQUIPMENT		\$10,100		\$0				
5035-9-918-0000-00-607-00-0000-585013-	Police Department	POLICE CRUISERS		\$425		\$69,567				
5035-9-918-0000-00-607-00-0000-585035-	Police Department	8 POLICE TACTICAL PATRL RIFLES				\$8,528				
5035-9-918-0000-00-607-00-0000-585036-	Police Department	POLICE COMPUTER SOFTWARE				\$8,000				
5035-9-918-0000-00-607-00-0000-585037-	Town Hall/General Government	REPLACE TH BOILERS W/ GAS				\$40,000				
5035-9-918-0000-00-607-00-0000-585039-	Library	REPLACE LIBRARY WINDOWS				\$10,250				
5035-9-918-0000-00-607-00-0000-585041-	School Department	MUSIC LAB AT THE MIDDLE SCHOOL				\$22,995				
5036-9-918-0000-00-607-00-0000-580000-	Fire Department	Fire Truck	\$900,600							
5037-9-918-0000-00-607-00-0000-585040-	Senior Ctr	SR CENTER NEW WATER HEATER				\$5,000				
5038-4-400-0000-00-604-00-0000-580000-	DPW	DPW Roof			\$36,750					
5039-5-541-0000-00-604-00-0000-580000-	Senior Ctr	Senior Ctr Doors			\$4,699					
5040-3-300-0000-00-603-00-0000-580000-	School Department	Robin Hood Windows			\$10,874					
5041-3-300-0000-00-603-00-0000-580000-	School Department	School Computers			\$70,000					
5042-9-918-0000-00-607-00-0000-585013-	Police Department	POLICE CRUISERS			\$42,853					
5042-9-918-0000-00-607-00-0000-585042-	IT/General Government	TOWN TECHNOLOGY UPGRADES		\$150	\$36,200					
5042-9-918-0000-00-607-00-0000-585043-	Arena	ARENA COMPRESSOR		\$0	\$25,000					
5042-9-918-0000-00-607-00-0000-585044-	Police Department	POLICE STATION HVAC SYSTEM		\$4,843	\$13,537					
5042-9-918-0000-00-607-00-0000-585045-	Library	LIBRARY CARPET		\$10,000						

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5042-9-918-0000-00-607-00-0000-585046-	DPW	DPW UNDERGROUND WIRING	\$10,000							
5042-9-918-0000-00-607-00-0000-585047-	DPW	RECREATION PARK LIGHTING		\$10,353						
5043-4-918-0000-00-602-00-0000-580000-	DPW	DPW Dump Truck		\$5,621	\$119,379					
5044-3-918-0000-00-603-00-0000-580000-	School Department	Elementary School Security System	\$4,665	\$21,466						
5045-4-918-0000-00-604-00-0000-580000-	DPW	DPW Garage Doors	\$1,609	\$7,625						
5046-9-918-0000-00-607-00-0000-585002-	School Department	PHONE/COMMUNICATION SYSTEM	\$30,000							
5046-9-918-0000-00-607-00-0000-585013-	Police Department	POLICE CRUISERS	\$2,419	\$126,795						
5046-9-918-0000-00-607-00-0000-585014-	School Department	SCHOOL COMPUTER EQUIPMENT	\$8,231	\$41,770						
5046-9-918-0000-00-607-00-0000-585017-	Police Department	POLICE VESTS	\$6,398	\$15,602						
5046-9-918-0000-00-607-00-0000-585049-	Police Department	POLICE RANGE & RIFLES	\$7,955	\$2,077						
5046-9-918-0000-00-607-00-0000-585050-	Fire Department	FIRE GEAR RACK		\$14,391						
5046-9-918-0000-00-607-00-0000-585051-	DPW	DPW SANDER & ROLLER		\$29,554						
5046-9-918-0000-00-607-00-0000-585052-	Golf Course	UNICORN IRRIGATION	\$4,248	\$10,135						
5046-9-918-0000-00-607-00-0000-585053-	Golf Course	UNICORN 3 MOWERS & SPRAY UNIT		\$64,168						
5046-9-918-0000-00-607-00-0000-585054-	Arena	ARENA BLEACHERS/STAIRS/SHOWER	\$45,536	\$4,200						
5046-9-918-0000-00-607-00-0000-585055-	School Department	SCHOOL PAVING	\$25,000	\$0						
5046-9-918-0000-00-607-00-0000-585056-	School Department	SCHOOL HVAC SYSTEM	\$175,637	\$13,440						
5046-9-918-0000-00-607-00-0000-585057-	School Department	ELEMENTARY SCHOOL ROOF	\$16,500	\$18,500						
5047-9-918-0000-00-607-00-0000-580000-	Fire Department	FIRE ENGINE PUMPER	\$620,314							
5049-4-918-0000-00-607-00-0000-580000-	DPW	PICK UP TRUCK, CHIPPER & BUCKET TRUCK Article 12 - October 2015 STM	\$247,944							
5050-3-300-0000-00-603-00-0000-582100-	School Department	HISH SCHOOL BOILERS	\$19,783							

\$3,150,711 \$10,242,045 \$24,624,385 \$6,117,141 \$1,337,438 \$1,660,565 \$851,135 \$413,141

Appendix B – Capital Stabilization Account History 2009 to 2016

FY2009		FY2014	
2009 ATM - Establishment of Fund (Article 20)	500,000.00	2013 FSTM - Appropriated from Free Cash (Article 12)	38,871.00
2009 Interest	1,994.71	2014 Interest	9,753.34
	501,994.71		268,531.36
FY2010		FY2015	
2009 FSTM - Appropriated from Free Cash (Article 5 & 6)	87,000.00	2014 FSTM - Appropriated from Free Cash (Article 29)	269,127.62
2009 FSTM - Capital Equipment/Improvements (Article 7)	(224,160.00)	2015 Interest	5,024.28
2010 Interest	16,271.01		542,683.26
	381,105.72		
FY2011		FY2016	
2010 FSTM - Capital Equipment/Improvements (Article 7)	(112,000.00)	2015 FSTM - Appropriated from Free Cash (Article 10)	228,925.90
2011 Interest	14,734.33	2015 FSTM - Capital Equipment/Improvements & Debt Service (Article 8)	(450,000.00)
	283,840.05	2015 Interest	14,983.69
FY2012			336,592.85
2011 FSTM - Capital Equipment/Improvements (Article 3)	(132,100.00)	FY2017	
2012 Interest	18,407.23	2016 ATM - Debt Service	(100,000.00)
	170,147.28		236,592.85
FY2013			
2012 FSTM - Appropriated from Free Cash (Article 8)	137,293.00		
2013 SSTM - Capital Equipment/Improvements (Article 2)	(100,000.00)		
2013 Interest	12,466.74		
	219,907.02		